1 12436-63

EMP(j)/EPF(c)/EMT(m)/BDS ASD Pc-L/Pr-L

5/0190/63/005/006/0846/0849

68 67

ACCESSION NR: AP3001156

AUTHOR: Kocheshkov, K. A.: Kargin, V. A.: Sheverdina, N. I.: Sogolova, T. I.: Paleyeva, I. Ie.: Paleyev, O. A.

TIME: Polymers of ethylene prepared by means of organocadmium-titanium tetrachloride mixtures

SOURCE: Vy\*sokomolekulyarny\*ye soyedineniya, v. 5, no. 6, 1963, 846-849

TOPIC TASS: polymers, ethylene, organocadmium compounds, titanium tetrachloride, polyethylene, dioxanates

ABSTRACT: The polymerisation of ethylene was conducted in a reactor filled with ethylene gas to which were added 300 ml of hexane and from 0.025 to 0.007 Kol/liter of an organic cadmium compound, cooled to -30C, and followed by dropwise addition, under constant stirring, of a titanium tetrachloride solution in haxane, in a ratio C-Me/ TiCl sub 4 = 1/1. The highest yields were obtained with (n-C sub 4 H sub 9) sub 2 Cd and (p-CH sub 3 C sub 6 H sub 4) sub 2 Cd, and it was observed that complexes of the cadmium compounds with dioxane were equally effective. In comparing the polymerisation processes conducted with diphenylcadmium and phenylcadmiumiodide it was found that the yield of an essentially similar polyethylene assounted in the

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L 12436-63 ACCESSION WR: AP3001156

latter case to only one-half of the one obtained with diphenylcadaiws, thus revealing the equivalency of the same radicals in the organometallic component in the catalyst and the essential role played by their number. The obtained polyethylenes were essentially white powders. Thermomechanical studies were conducted on files obtained at 180-1850 and 90-100 atm, which were stretched in one direction. It was found that the polymers possessed sufficiently high values of recrystallization stress and tensile strength and high stretch and softening point values, the latter in the 130-1350 range. Orig. art. has: 2 tables.

ASSOCIATION: Fisiko-khimicheskiy institut im. L. Ya. Karpova (Physico-Chemical Institute)

SUBMITTED: 25Nov61

DATE ACQ: 013-165

EECL: 00

SUB CODE: 00

NO REF 90V: 006

OTEXR: 005

Cord 2/2

Para-anisil derivatives of the ArPhK; class. Zhur.ob.khim. 33 no.41 1199-1201 Ap 163.

(Anisil) (Lead organic compounds)

SLOVOKHOTOVA, N.A.; FAYZI, N.A.; ZEMLYANSKIY, N.N.; PANOV, Ye.M.; KOCHESHKOV, K.A.

Structure of some organotin salts of carboxylic acids. Zhur. ob. khis. 33 no.8:2610-2613 Ag '63. (MIRA 16:11)

8/020/63/149/002/015/028 8108/8186

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LUTHORS .

Zenlyanskiy, R. F., Panov, Ye. K., Slovokhotova, R. A., Shamagina, O. P., Focheshkov, L. A., Corresponding Member AS USSR

TITLE: Stepwise formation of compounds with a stannozane bond and reactive end groups

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 149, no. 2, 1963, 312 - 315

TEXT: It was found in earlier work (K. A. Kochrshkov et al. Izv. AN SSSR, OKAN, 1961, no. 12, 2255) that the hydrolysis of the tin salts of organic acids with a definite quantity of water in the presence of diago alkanes proceeds according to the equation

2825n(00ccH3)2 + 2CH2K2 + H2O ---- CH3COO-Sn(R)20Sn(R)200ccH3 + 2CH3COCH3+2H2

This process makes it possible to obtain linear compounds with active end groups. It is shown here how, by varying the quantity of water and discomethane, it is possible to terminate the progression of reactions monomer —— tetraner —— becadecamer at any stage.

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APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510012-0"

8/020/63/149/002/015/028 8108/8186

Stapwise formation of compounds ...

The infrared spectra of the compounds with a stannovane bond were examined, the molecular weight, the temperatures of boiling, melting, and decomposition were determined. At slightly increased temperatures (40 - 45° C) it is possible to obtain stannovanes also of higher molecular weight. There are 1 figure and 1 table.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physicochemical Institute imeni L. Ya. Karpov)

SUBMITTED: November 22, 1962

Card 2/2

GOLOVANOV, 1.B.; SIMONOV, A.P.; PISKUNOV, A.K.; TALALAYEVA, T.V.; TSAREVA, G.V.; KOCHESKOV, K.A.

Nuclear magnetic resonance spectra and ebullioscopy of lithium alcoholates. Dokl. AN SSSR 149 no.4:835-837 Ap '63. (MIRA 16:3)

1. Fisiko-khimicheakiy institut im. L.Ya.Karpova. 2. Chlen-korrespondent AN SSSR (for Kocheshkov).

(Lithium alcoholates--Spectra) (Ebullition)

CONTRACTOR OF THE PROPERTY OF

RODIONOV, A.N.; TALALAYEVA, T.V.; SHIGORIN, D.N.; TYUNOFEYUK, G.N.; KOCHESIKOW.

Structure of complexes formed by aliphatic organolithium compounds. Dokl. AN SSSR 151 no.5:1131-1134 Ag '63. (MIRA 16:9)

1. Finiko-khimicheskiy institut im. L.Ya.Karpova. 2. Chlenkorrespondent AN SSSR (for Kocheshkov). (Lithium organic compounds) (Chemical structure)

TALALAYEVA, T.V.; RODIONOV, A.N.; KOCHESHKOV, K.A.

Synthesis of deuterio-substituted organolithium compounds. Doki. AN SSSR 152 no.1:122-123 8 '63. (MIRA 16:9)

1. Pisiko-khimicheskiy institut im. L.Ya.Karpova. 2. Chlenkorrespondent AN SSSR (for Kocheshkov). (Lithium organic compounds) (Deuterium compounds)

VIKTOROVA, 1.M.; SHEVERDINA, N.I.; DELINSKAYA, Yo.D.; KOCHESHKOV, K.A.

Organogallium compounds of the ArgGa class and their dioxanates.

Dokl. AN SSSR 152 no.3:609-610 S '63. (MIRA 16:12)

1. Fisiko-khimicheskiy institut im. L.Ya.Karpova. 2. Chlen-korrespondent AN SSSR (for Kocheshkov).

VASIL'IEVA, V.N.; KOCHESHKOV, K.A.

Photoisemerisation of &, & difluorostilbens. Dokl. AN
888R 153 no.6:1325-1326 D '63. (MIRA 17:1)

1. Pisiko-khimieheskiy institut im. L.Ta. Karpova, 2. Chlenkorrespondent AN SSSR (for Kocheshkov).

NESMEYANOV, Aleksandr Nikolayevich; SOKOLIK, Roseliya Abrikovna;
KOCKESHKOV, K.A., otv. red.; OKRIONSTIM, O.Tu., red.;
RUTICHKUV, W.D.; tekhn, red.

[Methods of metallo-organic chemistry; basen, almainum,
gallium, indium, thallium] Metody alemandscongantishuskoi
khimii; ber, aliuminii, galii, indii, tallii. Monkva,
Ind-vo "Nauka," 1964. 499 p. (NIRA 17:4)

1. Chlen-korrespondent AN SSSR (for Kocheshkov).

TALALAYEVA, T. V.; TSAREVA, G. V.; SIMOROV, A. P.; KOCEFSHKOV, K. A.

Synthesis and structure of soluble lithium alcoholates. 12v AN
SSSR Ser Khim no. 4:638-644 Ap '64. (MIRA 17:5)

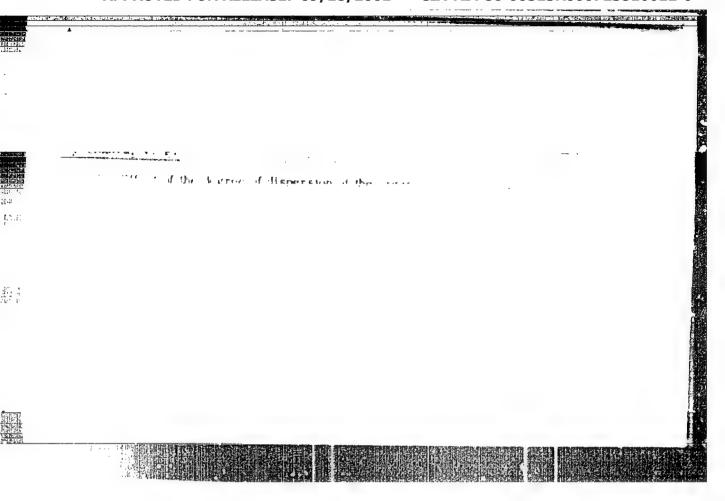
TALALAYEVA, T.V.; KOCHT: HKOV, K.A.

Method of synthesis of ethyllithium in argon atmosphere. Isv.AN.SSSR.Ser.khim. no. 5:855-860 by '64. (MIRA 17:6)

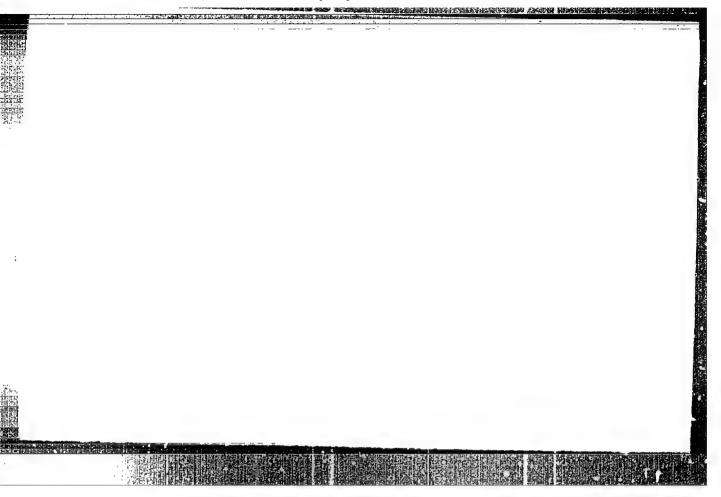
1. Fiziko-khimicheskiy institut im.L.Ya.Karpova.

"APPROVED FOR RELEASE: 09/18/2001

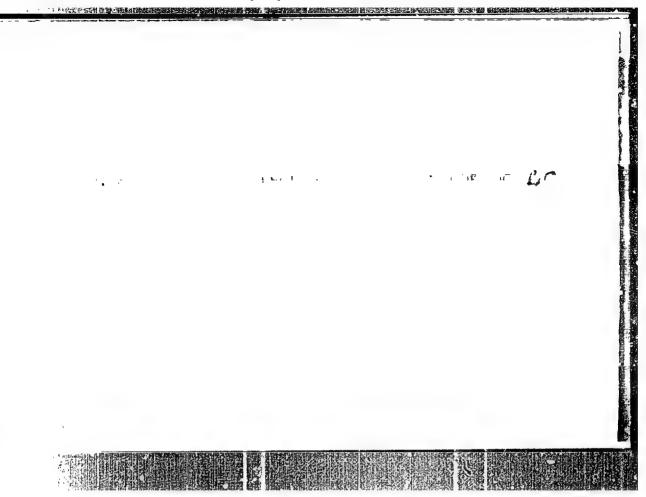
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"一种,我们们是我们的人,我们就是我们的人,我们们的人,我们们的人,我们们的人,我们们们的人,我们们是我们的人,我们就是我们的人,我们们们是我们的人,我们们们们

LODOCHNIKOVA, V.I.; PANOV, Ye.H.; KOCHESHKOV, K.A.

Reactivity of ArPbX, compounds. Reaction with (C6H5) Sb. Zhur. ob. khim. 34 no. 3:946-949 Hr \*164. (MIRA 17:6)

1. Fiziko-khimicheskiy institut imeni L.Ya.Karpova i Sverdlovskiy gosudarstvennyy meditsinskiy institut.

## TALALAYEVA, T.V.; RODIONOV, A.M.; KOCHESHKOV, K.A.

Mixed complexes of phenyllithium, methyllithium, n-butyllithium, and lithium halides. Dokl. AN SSSR 154 no.1:174-177 Ja'64.
(MIRA 17:2)

- 1. Fisiko-khimicheskiy institut im. L.Ya. Karpova. 2. Chlen-korrespondent AN SSSR (for Kocheshkov).

CIA-RDP86-00513R000723510012-0" APPROVED FOR RELEASE: 09/18/2001

TALALAYEVA, T.V.; PETRIY, O.P.; TIMOFETUK, G.V.; ZIMIN, A.V.; KOCHESHKOV, K.A. -diffuoro-Ch,O -dialkyl ethylenes

by means of organolithium compounds. Dokl. AN SSSR 154 no.2:398-400 Ja'64. (HIRA 17:2)

- 1. Fisiko-khimicheskiy institut im. L.Ya. Karpova. 2. Chlen-korrespondent AN SSSR (for Kochsakkov)..

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510012-0" SHEVERDINA, N.I.; PALEYEVA, I. To.; ZAYTSEVA, N.A.; KOCHESKHKOV, K.A.

Preparation of RoZn-type organosine compounds in the aromatic, heterocyclic, and aliphatic-aromatic series by means of the Grignard reagent. Dokl. AM SSSR 155 no. 3:623-625 Hr 164. (HIRA 17:5)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova. 2. Chlen-korrespondent AN SSSR (for Kocheshkov).

ZEHLYANSKIY, N. N.; COL'DSHTEYN, I. P.; GUR'YANOVA, Ye. M.; PANOV, Ye. M.; SLOVOKHCTOVA, N. A.; KOCHESHKOV, K. A.

Structure of compounds with a stannoxane bond studied by means of dipole moments and infrared spectra. Dokl. AN SSSR 156 no. 1:131-134 My '64. (MIRA 17:5)

 Fisiko-khimicheskiy institut im. L. Ya. Karpova. 2. Chlenkorrespondent AN SSSR (for Kocheskhov).

PALEYEVA, 1.Ye.; SHEVERDINA, N.I.: ROCHESHKOV, K.A.

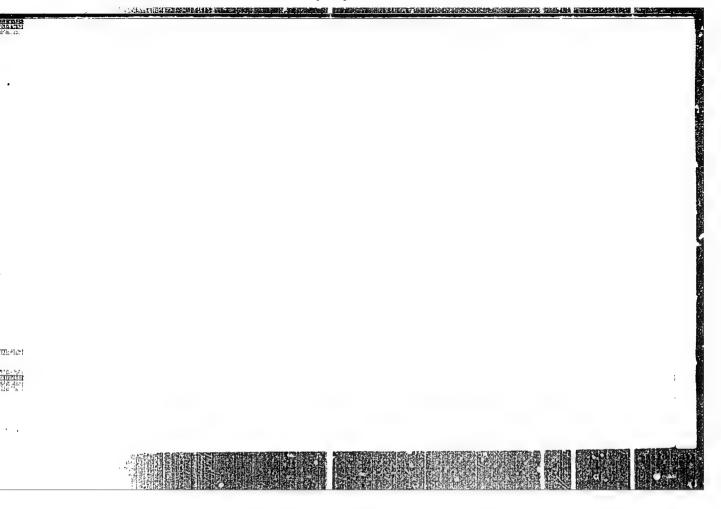
Asymmetric aromatic organization and organization compounds of the type ArHeAr\*. Dokl. AN SSSR 157 no.3:626-628 Jl \*64. (MIRA 17:7)

1. Fixiko-khimicheskiy institut imeni L.Ya. Farpova. 2. Chlenkorrespondent AN SSSR (for Kocheshkov).

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PALEYEV, O.A.; KOCHESHKOV, K.A.; KARGIN, V.A.; SOGOLOVA, T.1.; EYCHKOVA, V.F.

Effect of the dispersity of 'he metallo-organic component of a mixed catalyst on the polymerimation of ethylene. Vysokom. soed. 6 no.11:1955-1958 N '64 'MIRA 18:2)

1. Pisiko-khimicheskiy institut imeni Karpova, Moskva.

RODIONOV, A.N.; TIMOYUTIK, G.V.; TALALATEVA, T.V.; SHISORIN, D.N.; KOCHERHKOV, K.A.

infrared spectra of some acetylides of lithium, sodium, and potassium. Izv. AN SUSR Ser. khiz. no.1:42-46 '65. (MIRA 18:2)

1. Fisiao-khimicheskiy institut im. L.Ya. Karpova.

ZEMLYANSKIY, N.N.; LODOCHETTON V.N.; FANOV, Ye.M.; KOCHESHKOV, K.A.

Synthesis of plumb commes of the (RCCOPbAr<sub>2</sub>)<sub>2</sub>O type. Zhur. ob. khim. 35 no.5:843-645 My <sup>1</sup>65. (MIRA 18:6)

1. Fisiko-khimicheskiy institut imeni Karpova, Moskva.

ZEMEYARSKIY, N.N.; FANOV, YO.M.; SHAMAGINA, O.F.; ROCHESHKOV, E.A.

Synthesis of tin exames  $RCOO[Sn(c_4H_2)_2O]$  OCR. Zhur. ot. khim. 35 no.6:1029-1031 Je \*65. (MIRA 18:6)

1. Fisiko-khimisheskiy institut imeni Karpovs.

LODOCHRIKOVA, V.I.; PANOV, Ye.M.: KOCHESHKOV, K.A.

Para-icr phenyl derivatives of the anyl lead triester type.

Zhur. cb. khim. 34 no.12:4022-4024 D 64 (MIRA 18:1)

1. Fiziko-khimicheskiy institut imeni L. Ya. Karpova i Sverdlovskiy gosudarstvemnyy meditsinskiy institut.

KOTON, M.M.; KOCHESHKOV, K.A.; GORSHKOVA, I.A.; DOKUKINA, A.P.; PANOY, Ye.M.

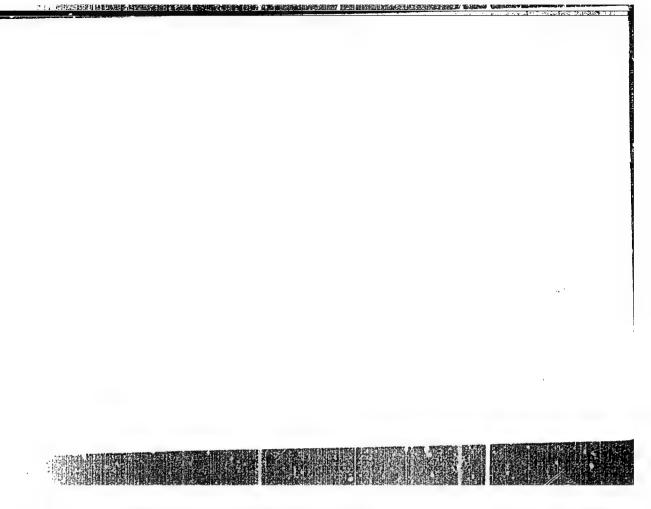
Copolymerisation of 5, 5, 5 -halo-substituted p-divinylbensenes with styrene. Dokl. AN Shbut 158 no.5:3120-1122 0 164. (MIRA 17:10)

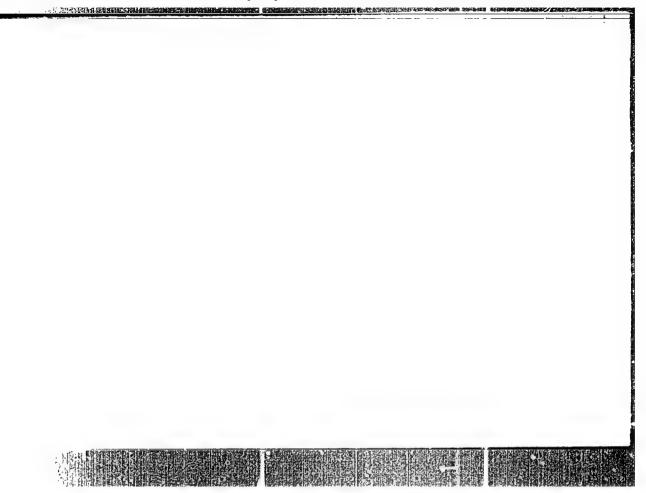
l. Institute vysokomolekulyarnykh soyedineniy AN SSSR, Leningradskiy politekhnicheskiy institut im. M.I.Kalinina i Pisiko-khimicheskiy institut im. L.Ya.Karpova. 2. Chleny-korrespondenty AN SSSR (for Koton, Kocheshkov).

PALEYEVA, I.Ye.; SHEVERDINA, W.I.; ABRAMOVA, L.V.; KOCHESHKOV, K.A.

Chemical composition of the "Maise reagent". Dokl. AN SSSR 159 no.3:609-611 N \*64 (MIRA 18:1)

1. Fisiko-khimicheskiy institut imeni L. Ya. Karpova 2. Chlen korrespondent AN SSER (for Kochesnkov).





SHEVERDINI, Nataliya Ivanovna; KOCHESHKOV, Ksenofont Alev androvich,
Prinimala uchastiya AHRAMOVA, L.V.; NESEDIANOI . A.H.,
akademik, otv. red.; RODICHOV, A.N., red.

[Hethods of the chemistry of organometallic compounds; sinc, cadmium] Metody elementno-organicheskoi khimii; tsink kadmii. Moskva, Nauka, 196%. 235 p. (MIRA 18:2)

AVERBUKH, B.S.; ABRAHOVA, L.V.; BREGER, A.KH.; VAYNSHTEIN, B.I.; GOL'DIN, V.A.; KOCHESHKOV, K.A.; SYRKUS, N.P.; SHALYAPIN, N.K.; SHEVERDINA, N.I.

Determination of the optimum conditions for the reaction of radiation-chemical synthesis of dibutyltin dibromide. Zhur. fiz. khim. 38 no.10: 2445-2448 0 164. (MIRA 18:2)

1. Fiziko-khimicheskiy institut imeni L.Ya. Karpova.

PANOV, Ye.M.; SCROKINA, R.S.; KOCHESHKOV, K.A.

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Fluorine-containing divinylbensenes. Zhur. ob. khim. 35 no.8:1426-1429 Ag '65. (MIRA 18:8)

1. Nauchno-issledovatel'skiy fiziko-khimicheskiy institut imeni L.Yn. Karpova, Moskva.

GOLITSHTEYN, I.P.; GURIYANOVA, Ye.N.; KOCHESHKOV, K.A.

Polarity and strength of intermolecular bonds in complexes formed by tin tetrachloride with organic sulfides. Dokl. AN SSSR 161 no.1: 111-114 Mr '65. (MIRA 18:3)

1. Fiziko-khimicheskiy institut im. L.Ya. Karpova. 2. Chlen-kor-respondent AN SSSR (for Kocheshkov).

RODIONOV, A.N.; TAIALAYEVA, T.V.; SHIGORIN, D.N.; RODIONOVA, G.N.; KOCHESHKOV, K.A.

Infrared spectra of isotope-substituted ethyllithium molecules.

Izv. AN SSSR. Ser. khim. no.4:604-610 165. (MIRA 18:5)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova.

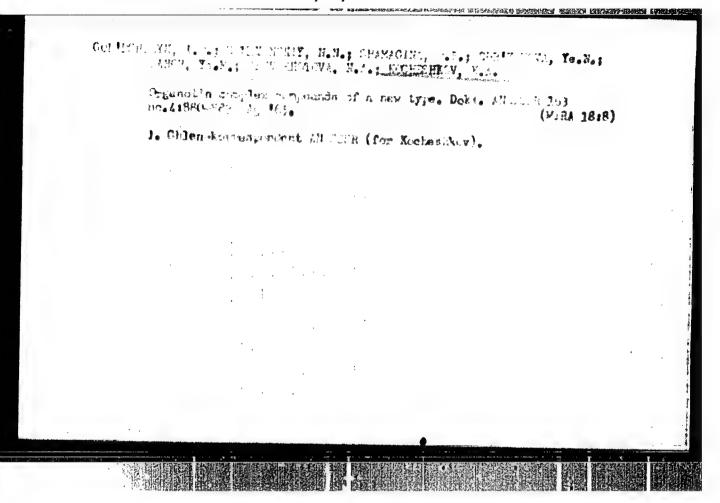
,一个中心,这个种种名数对抗有产品的转移。**如何不知识的经验的对抗性的**能够的。第四位,他们的对抗性的现在分词,但是不是一种的人,但是他们的一种的人,但是他们的一种的人,但是他们的一种的人,但是他们的一个人,但是一个人,他们就是一个

SOROKINA, R.S.; PANOV, Ye.M.; KOCHEJHKOV, K.A.

Synthesis of styrenes with fluorine in the vinyl group and organometallic substitutents in the ring. Zhur. ob. khim.

35 no.9:1625-1628 S '65. (MIRA 18:10)

1. Fisiko-khimicheskiy institut imeni L.Ya. Karpova.



APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510012-0"

MAKAROVA, Lyubov' Gennadiyevna; NESHEYANOV Aleksandr Fikolayevich; KOCHESHKOV, K.A., otv. red.; RODIONOV, A.N., red.

[Methods of organometallic chemistry; mercury] Metody elementoorganicheskoi khimii; rtut'. Moskva, Mauka, 1965. 438 p. (MIRA 18:7)

1. Chlen-korrespondent AN SSSR (for Kocheshkov).

WDC: 66.095.26+678.742

ALMANDA CAM MEDITALITY CONTROL AND SERVICE SERVICES SERVI

L 17714-66 EWP(1)/EWT(m)/T ACC NR: AP6003LOS SCURCE CODE: UR/0190/66/008/001/0008/0010 (A) AUTHORS: Paleyev, O. A.; Sheverdine, N. I.; Sogolova, T. I.; Kargin, V. A.; Kocheshkov, K. A. Paleyeve, I. To.; ORG: Physico-Chemical Institute im. L. Ya. Karpov (Fisiko-khimicheskiy institut) TITLE: Application of (n-C3H7)2Cd, n-C3H7CdCl and n-C3H7Cdl in polymerisation of 944.55 ethylene SOURCE: Vydekomolekulyarnyye soyedineniya, v. 8, no. 1, 1966, 8-10 TOPIC TAUS: polyethylene plastic, organocadmium compound, polymerisation catalyst ABSTRACT: In this work, (n-C,H7)2Cd (1), n-C3H7CdCl (II), and n-C3H7Cdl (III) in mixtures with TiOly were investigated as polymerisation estalysts for propylene, 7 substituting for the generally used organic aluminum compounds. This is an expansion of the earlier published study by the authors on organic cadmium compounds as components of mixed polymerisation catalysts (Vysokomolek. soyed., 5, 86, 1963). II and III are white solids insoluble in n-bexame (solvent used in this polymerisation), have poorly developed surface structure and, therefore, are Card 1/2

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510012-0"

SIMONOV, A.P.; SHIGORIN, D.N.; TSAREVA, G.V.; TALALAYEVA, T.V.; KOCHESHKOV, K.A.

Infrared absorption spectra and the structure of some simple lithium, sodium, and potassium alcoholates. Zhur. prikl. spekt. 3 no. 62531-537 D \*65 (MIRA 19:1)

1. Submitted August 18, 1964.

PALEYEV, O.A.; SHEVERDINA, N.I.; SOCOLOVA, T.I.; PALEYEVA, I. Ye.; KARGIN, V.A.; KOCHESHKOV, K.A.

Using (n-C<sub>3</sub>H<sub>7</sub>)<sub>2</sub>Od,n-C<sub>3</sub>H<sub>7</sub>OdCl, and n-C<sub>3</sub>H<sub>7</sub>Cdl in ethylene polymerisation. Vysokom. soed. 8 no. 1:8-10 Ja '66 (MIRA 19:1)

1. Piziko-khimicheskiy institut imeni Karpeva. Sulmitted January 28, 1965.

77. 注环节注意证明进程的建筑。

TALAYEVA, T.V.; PETRIY, O.P.; ZIMIN, A.V.; KOCHESHKOV, K.A.

Use of dilithium compounds for the synthesis of fluorinated unsaturated compounds. Isv. AN SSSR. Ser. khim. no.8:1402-1405 165. (MIRA 18:9)

1. Fiziko-khimicheskiy institut im. A.Ya. Karpova.

ACCERDION NO. ANEXAS	A A A	e e serio con sinte sentencentalista comunicativa de comunicación de conserva de la Sectional de Conservación
ACCESSION NR: AP5025		4
lenides are formed in 75	- 90% yield. To refine the position	s of the main bands in the IR
euterium, and the IR spec	tra of the products were recorded	coized by using lithium-6 and
euterium, and the IR spectra of the products were recorded. Lithium acetylenide is stable on standing, apparently because stable complexes are formed between its molecules.		
	umicheskly institut im. L. Ya. Kar	
Institute) 44,55	interest int. L. TR. RE	pova (Physicochemical
SUBMITTED: 25Junes		
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L 3213-66 EWT(m)/EMP(j)/T/EWP(t)/EMP(b) IJP(c) JD/JW/RM ACCESSION WR: AP5009223 8/0020/65/161/001/0111/0114.27 AUTHOR: Gol'dshteyn, I. P.; Gur'yanova, Ye. N.; Kocheshkov Corresponding member AN SSSR) TITLE: Polarity and strength of intermolecular bonds in complexe tin tetrachloride and organic sulfides BOURCE: AN SSSR. Doklady, v. 161, no. 1, 1965, 111-114 TOPIC TAGS: polarity, intermolecular bond, tin compound, tin tetrachloride, sulfides heat of formation, sulfur containing compound, dipole moment ABSTRACT: Measurements have been made of the heat of formation and dipole moments of complexes of tin tetrachloride with sulfur containing compounds. The dipole moments were determined by dielectrometric titration and the heats of formation by calorimetric titration. To obtain complexes with a 1:2 composition and a known cis-formation, compounds of the following type were used:  $R-S-(CH_2)_{n}-S-R$  (n=1,2,3,4,5,6, or 10, and  $R=C_2H_2$  or  $C_1H_2$ ). It was found that at small concentrations (0.03 g-mole/liter), compounds  $SnCl_{\frac{1}{2}}\cdot R-S-(CH_2)_{n}-S-R$ , where n=1,2, or 3, are monomers. Compounds

L 3213-56

ACCESSION NR: AP5009223

with n > 3 are associated. Judging from the values of the dipole moments, such associated compounds have a cyclic structure. Experimental values of the heat of formation - \( \Delta \) H (for one Sn...S bond) and (\( \Delta \) HSn...S). Introducing a correction of \( \sim \) kcal/mole into the experimental values of -\( \Delta \) H to take account of the dissociation energy of the complex SnCl<sub>ll</sub> from benzers, we can speak of a direct proportion between -\( \Delta \) HSn...S and \( \MSn...S. \). The above relationship is obviously general for n. \( \sigma \) -complexes of the donor-acceptor type. an unshared electron pair in the donor molecule and of the vacant and 1 table.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physicochemical Institute)

SUBMITTED: 030ot64

ENCL: 00

SUB CODE: IC, GC

NR REF 30V: 005

OTHER: OOL

GC 2/2

KOCHESHKOV, S.M., insh.

Increasing the pover of a worm reducing gear restricted by heating. Vest.mashinostr. 45 no.11:7-9 N '65.

(MIRA 18:12)

THE RESERVE OF THE PROPERTY OF

ROZAMOV, M., insh.; KOCHMSHYDY, M. insh.; ROZEMPEL'D, A., insh.; MONTRED, Yu., kand.tekhn.nauk

Prefabricated large-panel apartment houses in the city of Vykea. Zhil.stroi. no.4/5:5-7 '58. (MRA 12:6)
(Vyksa-Apartment houses)

CHURATAN, A., kand. tekhn. nank; DZHABUA, Sh., kand. tekhn. nank; KOCHESHKOV, Y., insh.; MAL'75EV, P., insh.

Scaled joints of elements of earthquake-preof large-panel buildings, Zhil. strei. no.12:20-21 '62. (MIRA 16:1)

(Marthquales and building) (Building-Details)

NIKOL'SKIY, V.N., kand. tekhn. nsuk; SPIVAK, N.Ya., kand. tekhn.
nsuk; BAULIM, D.K., inzh.; HUADZE, V.Sh., inzh.;
KHEYTAN, V.G., kand. tekhn. nsuk; PEGYAKOV, S.I., kand.
tekhn. nsuk; USOV, A.L., inzh.; KOSHKIM, V.G., kand. tekhn.
nsuk; MARAVIM, B.L., inzh.; ERENBURG, A.I., inzh.;
KOCHESHKOV, V.G., inzh.; RUBANENKO, B.R., glav. red.;
ROZAHOV, N.P., zem. glav. red.; OKUFRIYEV, I.A., red.;
YUDIN, Ye.Ya., red.; HASONOV, V.H., red.; ISIDOROV, V.V.,
red.; MAKARICHEV, V.V., red.; FINKINSHTEYN, B.A., inzh. red.;

[Prefabricated floor and ceiling structures] Poly i perekrytiia industrial noi konstruktsii. Moskva, Gosstroiisdat, 1963. 71 p. (KIRA 16:12). 1. Akademiya stroitel'stva i arkhitektury SSSR. TSentral'myy nauchno-issledovatel'skiy i eksperimental'no-proyektnyy institut industrial nykh shilykh i massovykh kul turno-bogatykh sdaniy. 2. Mauchno-issledovatel'skiy institut stroitel'noy fiziki i ograzhdayushchikh konstruktsii (for Nikol'skiy, Usov). 3. TSentral'my nauchno-issledovatel'skiy i eksperimental'no-proyektnyy institut industrial'nykh shilykh i massowykh kul'turno-bogatykh scaniy (for Buadse, Baulin, Spivak, Kreytan, Kocheshkov). 4. Vsesoyusnyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (for Erenburg). (Floors) (Ceilings)

MOROZOV, N.V., kand. tekhn. nauk; MKRTUMYAN, A.K., kand. tekhn.
nauk; AMTIPOV, T.P., arkh.; KOCHESHKOV. V.G., insh.;
LISAGOR, I.A., insh.; TSAPLEV, N.N., insh.; IVASHKOVA,
V.K., kand.tekhn. nauk; SHIKUMOV, I.Ya., insh.; FILIN,
Yu.D., insh.; MOSTAKOV, V.I.; BURLACHEMKO, P.Ye., kand.
khim. nauk[deceased]; PAMKRATOV, V.F., insh.; RUHAKEMKO,
B.R., glav. red.; HOZAMOV, N.P., sam. glav. red.;
OHUFRIYEV, I.A., red.; YUDIN, Ye.Ya., red.; MASOMOV, V.N.,
red.; ISIDOROV, V.V., red.; MAKARICHEV, V.V., red.;
POLUBNEVA, V.I., red.

[Ways of improving design details for the seems of exterior wall slabs] Puti uluchsheniia konstruktivnykh reshenii stykov panelei narushnykh sten. Moskva, TSentr. biuro tekhn. informatsii i nauchno-issl. in-ta organisatsii, mekhanisatsii i tekhn. pomosbohi stroit., 1962. 78 p. (MIRA 16:8)

1. TSentral'myy nauchno-isaledovatel'skiy i proyektnoeksperimental'myy institut industrial'mykh shilykh i massovykh kul'turno-bytovykh sdaniy (for TSeplev). 2. Nauchnoisaledovatel'skiy institut betona i shelesobetona Akademii stroitel'stva i arkhitektury SSSR, Perévo (for Hostakov). 3. Vsesoyisnyy nauchno-isaledovatel'skiy institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (for Pankratov).

(Valla)

# Die Englisch-Amerikanische Rivalität Auf Den Westeuropaischen Markten. Berlin, 216 P. Tables. Translation From The Russian: Anglosmerikanskoye Sopernichestvo Ma Ryninkh SG: 22M/6 122.36 .K7

The street of th

# ERASIK, L.B., dotsent; EUZHETSOVA, M.K.; OLIKIMA, R.I.; VORONOVA, A.M.; KOCHRENKOVA, Z.V.

Organisation and work of sections for premature infants in children's hospitals in the city of Moletov. Vop.okh.met. i det. 1 no.6:60-64-B-D '56. (NEMA 10:1)

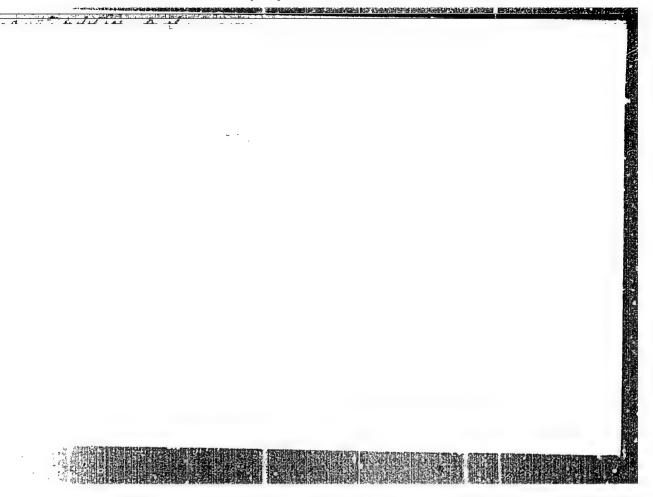
1. Is kmfedry pediatrii (ispolmyayushchiy obyasamosti saveduyushchego dotsent L.B.Krasik) Molotovskogo meditsinskogo institute (dir. - prof. I.I.Komityn) (MOLOTOV-INVANTS (PENATURE))

GCU ISAV, V. I., KCCH.STKOV. A. ...

Furnaces---Construction

Three-sectional furnace for burning cut raw peat. 1. Advantages of construction. 2. Performance of the furnace. Tekst. Prom., No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1957, Uncl.



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9. Monthly List of Ru	ssian Accessions, Library of Congress,	December 1957, Uncl.
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THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

# KOCHETKOY. A.

Striving for industrial safety. Okh. truda i sets. strakh. no.6:7-10 Je 159. (MIRA 12:10)

1. Zaveduyushchiy etdelom ekhrany truda Tšentral'nogo komiteta prefsoyuta rabochikh lesnoy, bumashnoy i derevoebrabatyvayushchay premyshlenmosti.
(Wood-using industries--Safety messures)

CONTROL OF THE PROPERTY OF THE

# KOCHETKOV, A.

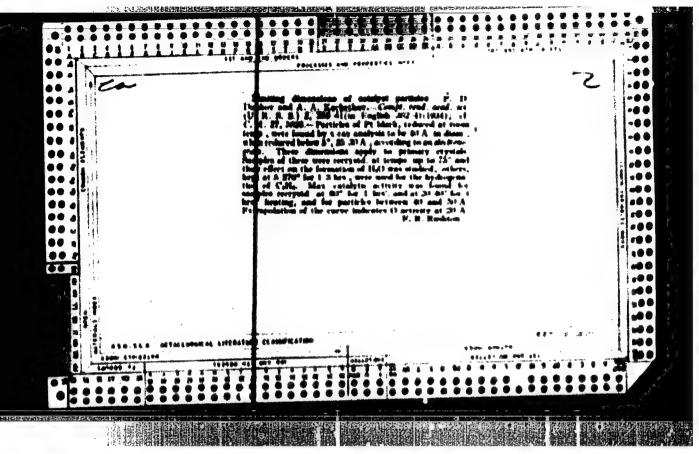
Machinery and equipment for livestock farms. Hauka i pered. op.v sel'khos. 9 no.8:38-40 Ag '59. (MIRA 12:12)

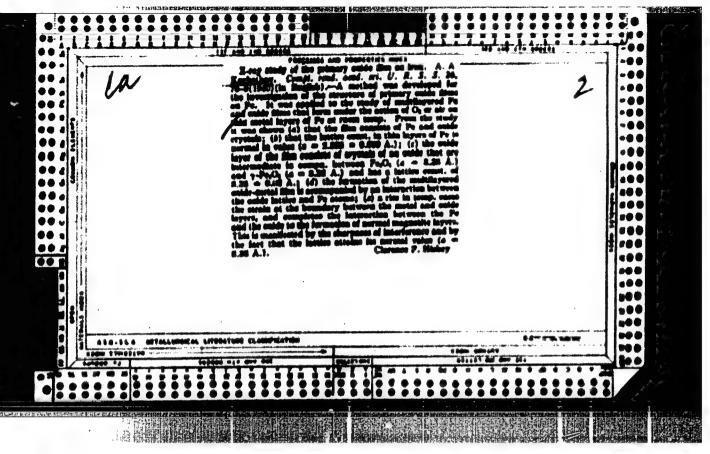
 Glavnyy inshener konstruktorskogo byuro Vsesoyusnogo instituta elektrifikatsii sel'skogo khosyaystva. (Agricultural machinery) (Stock and stockbreeding)

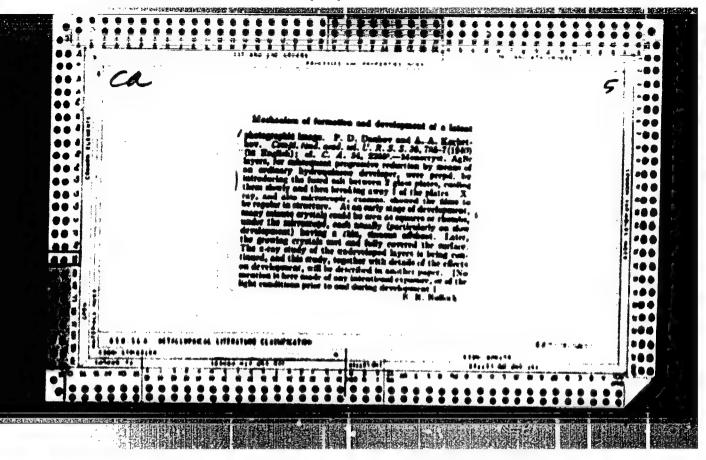
KOZLOVSKIY, V., red.; KOCHETKOV, A., red.; KLYUMEL', A., tekhn. red.

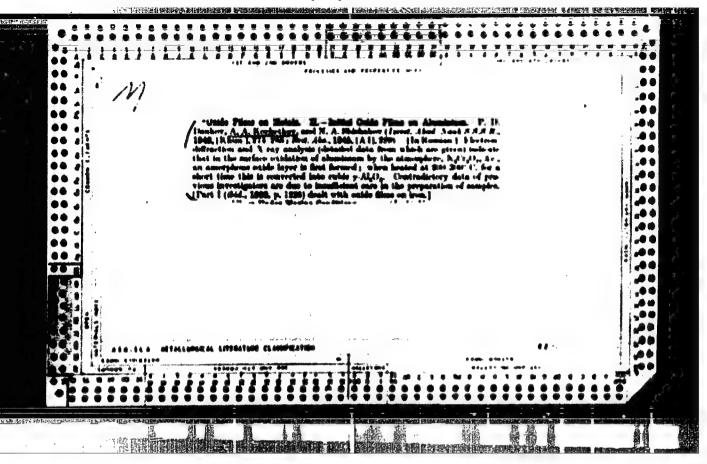
[Corn in Soviet Latvia] Kukurusa v Sovetskoi Latvii. Riga, Latviskoe gos. ind-vo, 1960. 218 p. (MIRA 14:11)

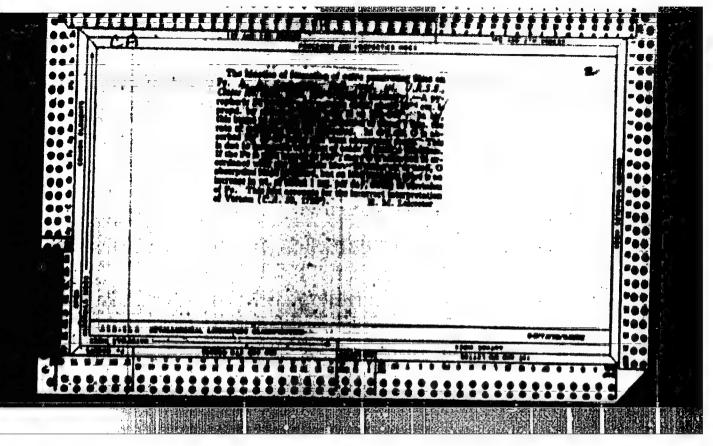
(Latvia—Corn (Maise))

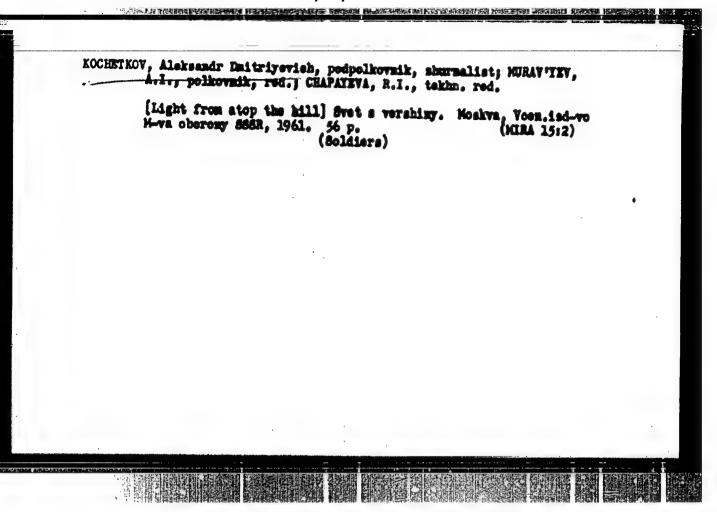








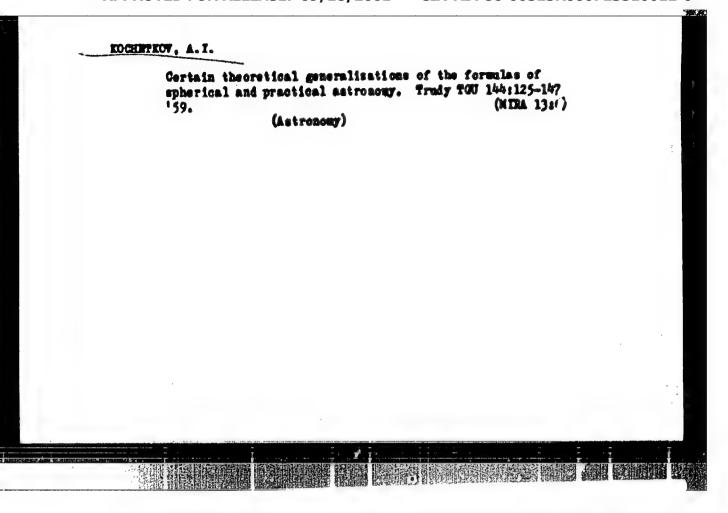




KOCHETKOV, A. I.

36353. KOCHETKUY, A. I. -- Ot pervykh uspekhov k novym pobedam (chuguyevez. lesozashchitnaya stantsiya khar'k. obl.) les i step', 1949, No. 7, s 57-60

SO: Letopis' Zhurnal' nykh Sta tey, No. 49, 1949



KOCHETKOV, A. I.

USSR/Astronomy - Bibliography Dissertations

Sep/Oct 53

\*Bibliography. Index to Astronomical Literature Published in the USSR in May/June 1953.\*
Yu. O. Perel\*

Astron Zhur, Vol 30, No 5, pp 572-576

Lists 7 monographs (books, brochures, symposia), 3 sphemerides, 9 'Trudy' (Works) of institutions, 34 articles from 16 periodicals, 9 articles from 7 drilles and gazettes, 2 bibliographies, and 4 author abstracts of dissertations. The 4 dissertations are: 1. M. P. Kazachovskiy, Cand Phys. Hath Sci, "Photometric Determination of the Re-1. M. P. Kazachovskiy, Cand Phys. Hath Sci, "Photometric Determination of the Re-1. M. P. Kazachovskiy, Cand Phys. Hath Sci, "Wolf-Rayet Stars," SSR, Astrophys Inst. 2. S. G. Slyusarev, Cand Phys. Hath Sci, "Wolf-Rayet Stars," Leningrad, 1953, Spp. 100 copies, Leningrad U in Endanov. 3. P. N. Kholopov, Cand Leningrad, 1953, Spp. 100 copies, Hoscow, 1953, Spp. 110 copies, Phys. Math Sci, "Structure of Globular Stellar Clusters," Moscow, 1953, Spp. 110 copies, Moscow State U, Astron Inst im Shternberg. 4. A. I. Kochetkov, Gand Tech Sci, "Development of a New System of Spherical Coordinates and Formulas for the Computation of Astronomical Characteristics," Moscow, 1953, 100 copies, Hoscow Inst of Engineers of Geodesy, Aerial Photography, and Cartography.

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KOCHETKOY, A.K.; TREUNCY, N.A.

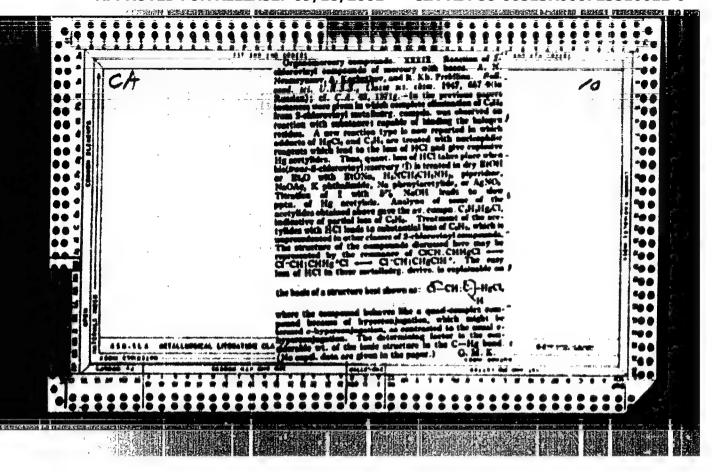
[Casting bronse bushings into a mold with a metal core] Otlivka bronsevykh vtulok v kokil' s metallicheskim stershnem. Opyt kollektivnoi stakhanovskoi brigady P.A. Shurova. Kovrovskii skakavatornyi zavod. Moskva, Oos. nanohnetekhn. isd-vo machinostroit.lit-ry, 1952. 13 p.

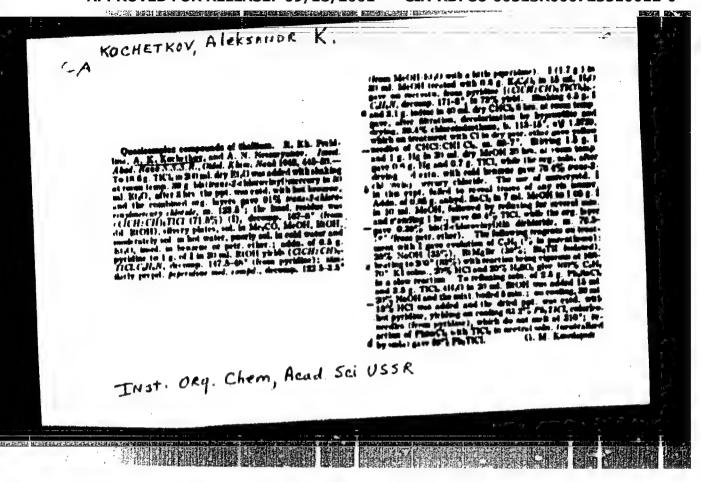
1. Kovrovskiy ekskavatorayy savod.

(Founding)

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# "APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510012-0

KCCHETKOV, A. K.

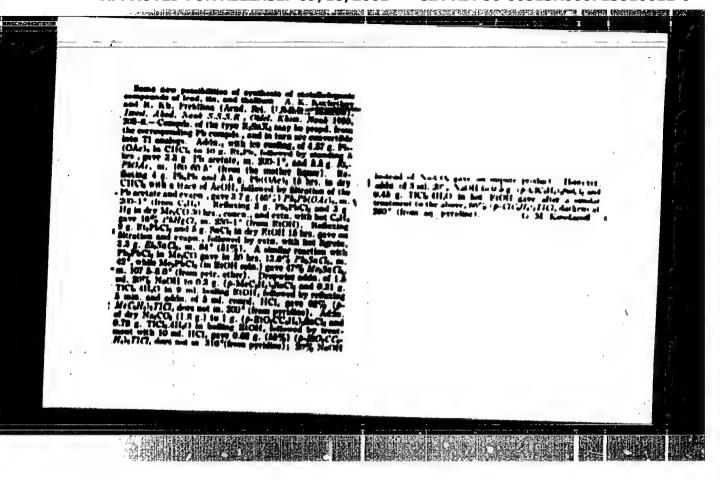
Mbr., Inst. Org. Chem., Acad. Sci., -1949- (submitted 1 Aug. 149)

\*1,6-Addition of Mesitylmagnesium Bromide to the Acetate of Direthylvinylcarbinol,\* Is.

Ak. Nauk SSSR, Otdel. Khim. Nauk, No. 6, 1949. Co-authors: Mesmeyanov, A. N., &

Freydlina, R. Kh.

### "APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510012-0



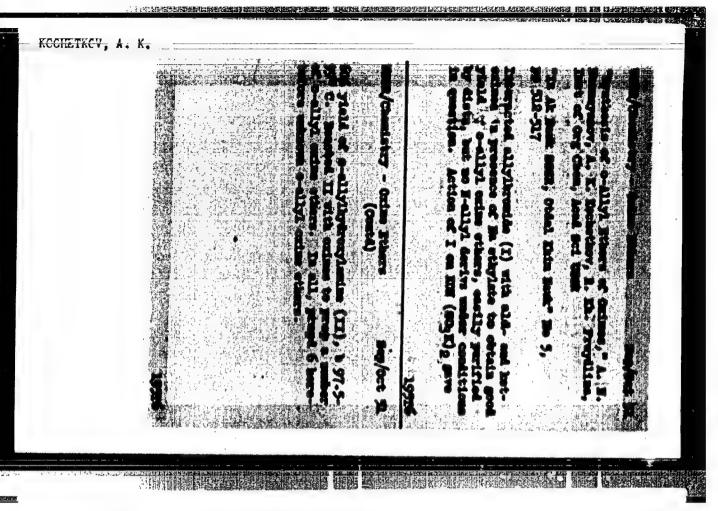
MESPERYANCY, A. N., PREYDLINA, R. Kh., ACCESTACY, A. K.

Dimethylvinyl Carbinol Acetate

1, 6-Addition of mesitylmagnesium bromide to dimethyl vinylcarbinol acetate. Uch. sap. Mosk. un., No. 132, 1950.

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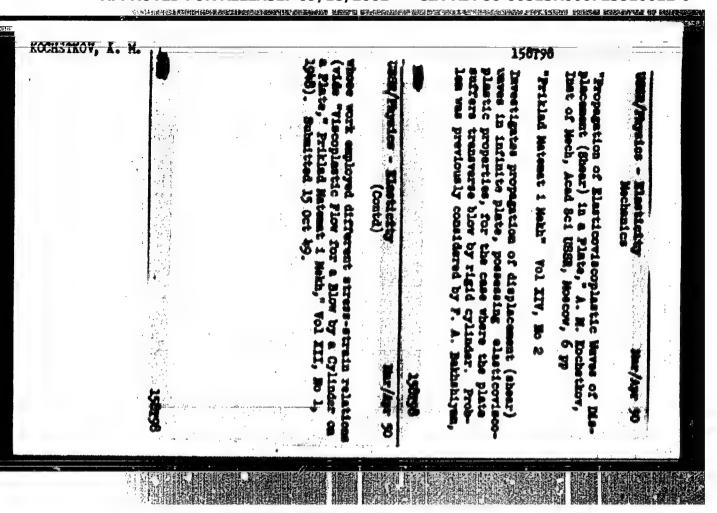
9. Monthly List of Russian Accessions, Library of Congress, October 1957, Uncl.



KCCHETYCY, A. Y.

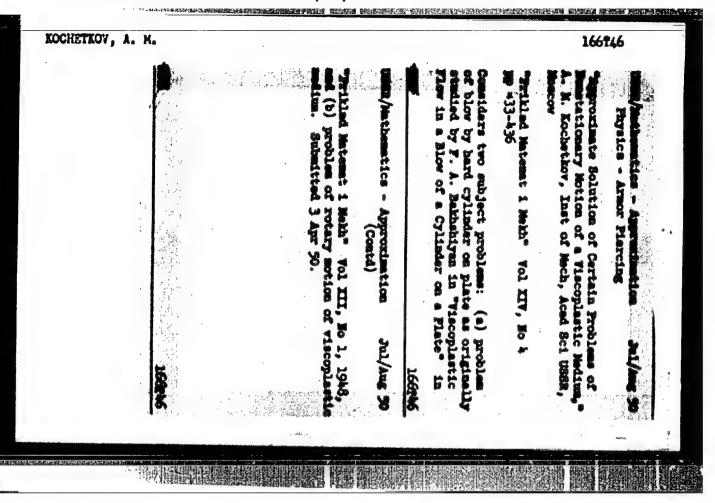
"Propagation of Elastically Viscous-Flastic Waves of Shear Upon Transverse Impact Against a Flate." Thesis for degree of Cand. Physicomatheratical Sci. Sub 24 Jun 49, Inst of Mechanics, Acad Sci USSR.

Summary 82, 18 Dec 52, <u>Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949</u>. From <u>Vecherovaya Moskya</u>, Jan-Dec 1949.



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# AL AL

Elasticity and Plasticity, Seil Mechanics (1759)

Inshenerary Shernik, Vol 15, 1953, pp 177-180. "Stress Condition of a Wedge Unior the Action of Hydrostatic Pressure."

The problem is solved on the assumption that the material of the wedge is incompressible, and the intensity of stresses S and deformations E are connected by the function S = kBu where k and u are constants of the material.

SO: Referativnyy Zhurnal--Matematika, No 1, Jan 54; (Y-30785, 28 July 1954)

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2607, 1327, 1103

27851 8/508/60/029/000/009/012 D225/D303

AUTHOR:

Kochetkov, A.M. (Moscow)

TITLE:

Determining the pressure on elastic infinite plates, with an elastic medium pressed between them

PERIODICAL:

Akademiya nauk SSSR. Inshenernyy sbornik, v. 29,

TEXT: The aim of the paper is to find the normal component of of the pressure, perpendicular to the line of contact of the elastic medium pressed between two parallel rough walls. The deformation considered is a plane one. The author considers first the infinite region, bounded by two parallel planes, for which the tangential tension T on the interval  $-1 \le x \le 1$  is given. On the infinite intervals  $1 \le x \le -a$  and  $-x \le x \le -1$  the walls are perfectly smooth. For such a case the boundary conditions are given by

Card 1/7

Determining the pressure ... \$\frac{27851}{\$508/60/029/000/009/012}\$

$$- \infty \leqslant x \leqslant \infty, \qquad v^{\circ} = \mp \frac{k}{2} \sigma_{y}^{\circ}$$

$$- \infty \leqslant x \leqslant -1, \qquad \mathcal{T}_{xy}^{\circ} = 0$$

$$-1 \leqslant x \leqslant 1, \qquad \mathcal{T}_{xy}^{\circ} = \mp \mathcal{T}_{0}$$

$$1 \leqslant x \leqslant \infty, \qquad \mathcal{T}_{2y}^{\circ} = 0$$
(1)

Punctions of the tension are taken in the form of Pourier inte-

$$\varphi(x,y) = \int_{-\infty}^{\infty} F_1(\alpha,y)\cos \alpha x \, d\alpha + \int_{-\infty}^{\infty} F_2(\alpha,y)\sin \alpha x \, d\alpha \qquad (2)$$

Card 2/7

Determining the pressure ... \$\frac{27851}{5/08/60/029/000/009/012}\$\$ where \$\mathbb{P}\_1(\mathbb{x},\mathbb{y})\$ satisfies

$$P_{\underline{1}}(\alpha, y) = A_{\underline{1}} \operatorname{ch}(\alpha y) + B_{\underline{1}} \operatorname{sh}(\alpha y) + C_{\underline{1}}(\alpha y) \operatorname{ch}(\alpha y) + D_{\underline{1}}(\alpha y) \operatorname{sh}(\alpha y)$$
 (3)

Tension components then have the form

$$a_s^0 = -\int_0^\infty F_1^i(x, y) \cos \alpha x d\alpha + \int_0^\infty F_3^i(\alpha, y) \sin \alpha x d\alpha,$$

$$a_s^0 = -\int_0^\infty a^3 F_1(\alpha, y) \cos \alpha x d\alpha - \int_0^\infty a^3 F_3(\alpha, y) \sin \alpha x d\alpha,$$

$$a_{xy}^{\bullet} = \int_{-\infty}^{\infty} aF_1'(a, y) \sin ax dx - \int_{-\infty}^{\infty} aF_2'(a, y) \cos ax dx$$

Card 3/7

(4)

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27851 8/508/60/029/000/009/012 D225/D303

By substitution of expression (4) and

$$Eu^{0} = \int \left[F_{1}'(a, y) + \mu a^{2}F_{1}(a, y)\right] \frac{\sin ax}{a} da - \frac{1}{a} \int \left[F_{2}'(a, y) + \mu a^{2}F_{3}(a, y)\right] \frac{\cos ax}{a} da,$$

$$Ev^{0} = -\int \left[(2 + \mu)F_{1}'(a, y) - \frac{1}{a^{2}}F_{1}'''(a, y)\right] \cos ax da - \frac{1}{a^{2}} \int \left[(2 + \mu)F_{2}'(a, y) - \frac{1}{a^{2}}F_{3}'''(a, y)\right] \sin ax da,$$
(5)

Card 4/ 7

27851 8/508/60/029/000/009/012 D225/D303

into the boundary solutions (1) for  $y = \frac{1}{2}h$  some equations are obtained which, after using Fourier's identity, lead to equations,

$$A_{1} = B_{1} = C_{1} = D_{1} = B_{2} = C_{2} = 0$$

$$A_{2} = \frac{\sin \alpha l}{\alpha^{3} / 2} \left[ 2 \sin \alpha h - (1 + \mu)(\sin \alpha h + \alpha h \cos \alpha h) - k \alpha^{2} h \sin \alpha h \right]$$

$$D_{2} = \frac{\pi}{2} \frac{\sin \alpha l}{\alpha^{3} / 2} \left[ (1 + \mu) \sin \alpha h + k \alpha \cos \alpha h \right]$$
(10)

are found. The components of tensions are then expressed by formulae  $\operatorname{\mathsf{Card}} 5/7$ 

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27851 S/508/60/029/000/009/012 D225/D303

$$e_s^0 = \int a^3 \left[ (A_0 + 2D_0) \operatorname{ch} ay + D_0 ay \operatorname{sh} ay \right] \sin ax \, da,$$

$$e_s^0 = -\int a^3 \left[ A_0 \operatorname{ch} ay + D_0 ay \operatorname{sh} ay \right] \sin ax \, da,$$

$$f_{s,p}^0 = -\int a^3 \left[ (A_0 + D_0) \operatorname{sh} ay + D_0 ay \operatorname{ch} ay \right] \cos ax \, da.$$
(11)

In a similar way the solution is found for the region bounded by two elastic, perfectly smooth walls pressed at the infinity by a uniformly spred load with intensity of the component of along the line of contact i.e. for y = \(^{\frac{1}{2}}\) h could be represented by

27851 8/508/60/029/000/009/012 D225/D303

$$\sigma_{yo} = \frac{u}{1+\kappa} (q_o + \kappa) - \frac{2}{\pi} \{ (1-\mu) I_1(\xi) - (1+\mu) I_2(\xi) \}$$
 (13)

Where

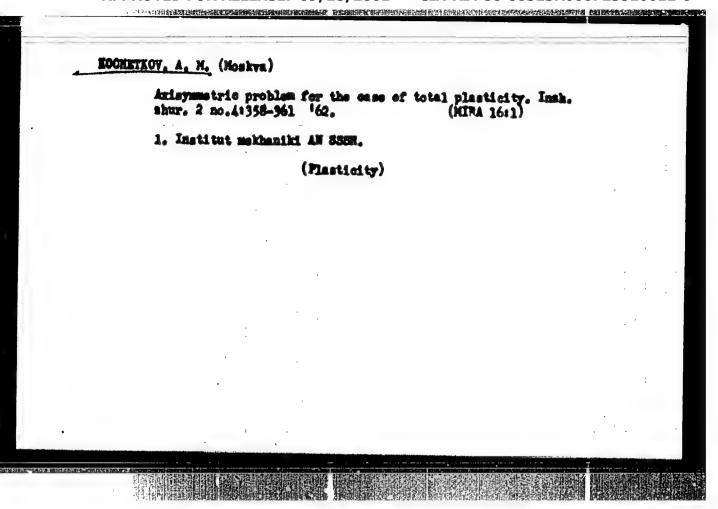
$$I_1(\bar{t}) = \int \frac{\sinh \beta \, \cosh \beta \, \sin \beta \eta \, \sin \beta \eta}{\hbar} \, d\beta$$

A - 2 sh + + + + + + + sh f ch s).

SUBMITTED: June 26, 1959

Card 7/7

# Mocheticov, A.M. (Moskva) An axisymmetrical problem of limit equilibrium. Insh.shur. 1 (MIRA 1512) 1. Institut makhaniki AN 8588. (Equilibrium)



GCRBUNCV-PCHADOV, M.I., doktor tekhn. nauk, prof.; FEDCROV, I.V., kand. tekhn. nauk; MALTHEV, M.V., kand. tekhn. nauk; KCCHETKOV, A.M., kand. fiziko-matem. nauk; HERERRIANII, R.V., kand. tekhn. nauk; GARKAVI, O.YA., kand. tekhn. nauk

"Method of limiting equilibrium in the design of slopes of earth structures for strength (precise solution)" by V.N. Haslov. Reviewed by M.I. Gorbunov-Posadov and others. Gidr. strei. 32 no.3:46-47 Mr 162. (HIRA 16:7)

l. Institut osnovaniy Akademii stroitel'stva i arkhitektury; deystvitel'nyy ohlen Akademii stfoitel'stva i arkhitektury SSER (for Gorbunov-Fosadov). 2. Vsesoyuznyy nauchno-issledove-tel'skiy institut vodosnabsheniya, Kanalizatsii, gidrotekhnicheskikh sogrusheniy i inshanernoy gidregeologii (for Fedorov, Malyshev). 3. Institut mekhaniki AN SSER (fer Kochetkov). 4. Institut osnovaniy Akademii stroitel'stva i arkhitektury (for Serebryanyy). (Scil mechanics) (Maslov, V.W.)

KOCHETKOV, A.M. (MOSCOW)

"On the construction of velocity fields and streamlines in problems of statics of loose media."

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscoe, 29 Jan - 5 Feb 64.

KCCHETKOV, A.M., kand.fis.-mates.nauk

Conference on Soil Hechanics and Construction of Foundations.

Vest. AN SSSR 34 no. 2:101-102 F \*64. (MIRA 17:5)

ECCHETKOV, A.M. (Moskva)

Bending of bars in case of large shifts. Insh. shur. 5 no.6: 1081-1087 '65. (MIRA 19:1)

1. Submitted July 2, 1964.

### KOCHETKOV, A.N.

Extremum problems with nonsymmetrical additional conditions in some classes of analytic functions. Dokl. AN Arm. SSR 41 no.3-135-139 '65. (MIRA 18:11)

1. Hoskovskiy inshenerno-stroitel'nyy institut im. V.V. Kuybysheva. Submitted February 17, 1965.

45167 8/020/63/148/003/003/037

16,460D

AUTHOR:

Kochetkov, A. N.

TITLE:

Extremum problems for analytic functions with a positive real part satisfying some additional conditions

B112/B186

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 148, no. 3, 1963, 508-511

TEXT: A real Banach space E, a continuous convex functional p(x) over E. a set of indices I, a subset  $x = (x_0; \mathcal{M}_1)$  of E and a set of real numbers  $a_p(\mathcal{N}_1)$  are considered. The problem

 $f(x) \leqslant p(x), x \in E; f(x_p) \geqslant a_p, p \in I$  (A)

is called consistent if it has at least one linear functional f as solution. The set of solutions of (A) is designated by  $Q_A$ . The most important result of the study is

 $\max_{J \in Q_A} f(y) = \inf \left\{ p\left(y + \sum_{i} \lambda_i x_{ij}\right) - \sum_{i} \lambda_i a_{ij} \right\}; \tag{5}$ 

Card 1/2

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1 4

Extremum problems for analytic ... S/020/63/148/003/003/037

It characterizes the method the author uses to solve the problem (A).

PRESENTED: August 2, 1962, by V. I. Smirnov, Academician

SUBMITTED: July 30, 1962